

Sinkhole Treatment A : Pervious Cover

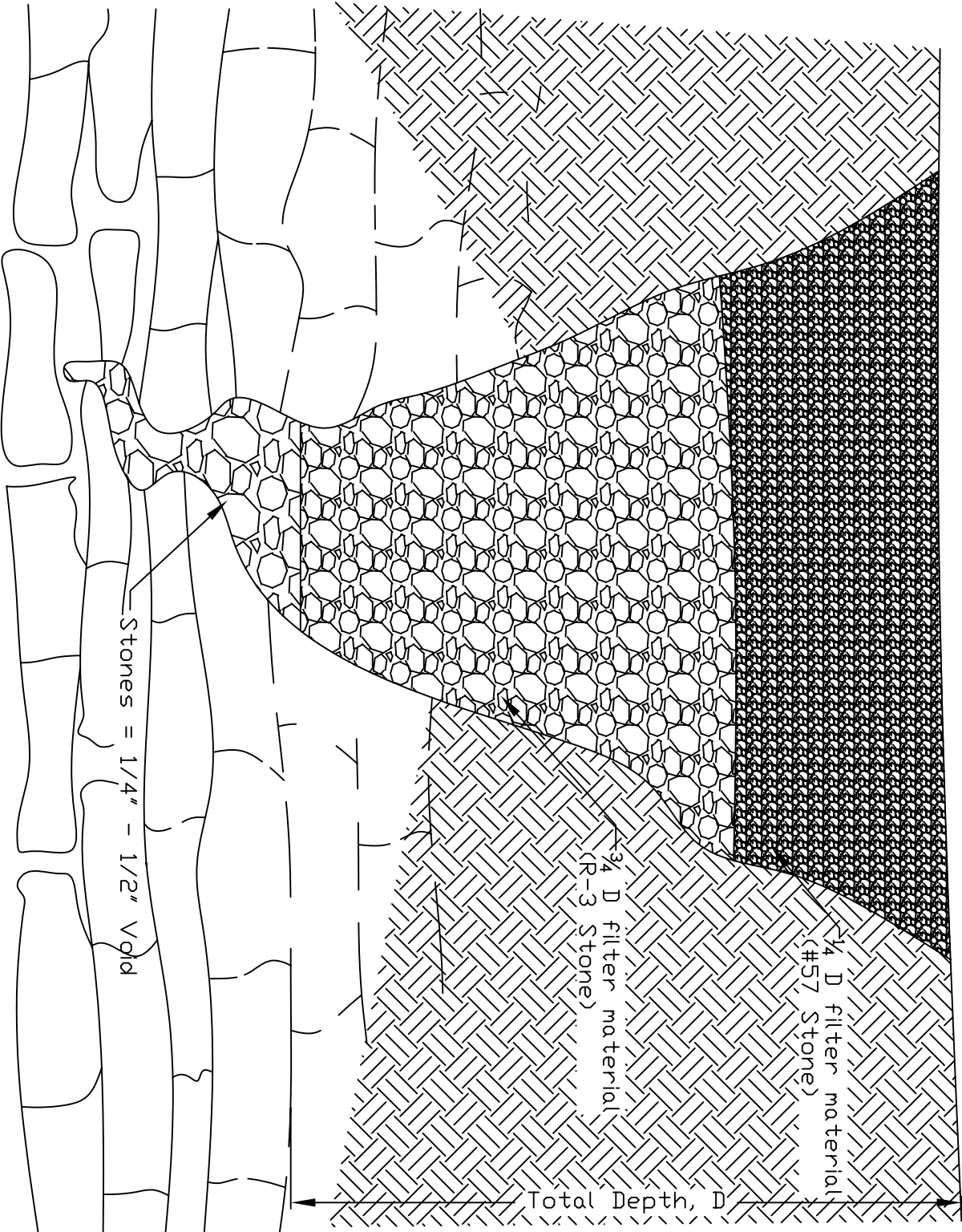
Procedure:

1. Remove and properly dispose of materials dumped in and around the sinkhole
2. Excavate loose material from the sinkhole and try to expose the solution void(s) in the bottom. Enlarge the sinkhole, as necessary to allow for installation of the filter materials.
3. Place a layer of stones into the sinkhole allowing the stone of fill the void(s) below the bottom of excavated sinkhole. The size should be 1/4 to 1/2 the size of the void(s).
4. Place a layer of somewhat smaller filter material at a thickness of about 3/4 D (D=total depth) above the sinkhole bottom. This material should be R-3 rock.
5. Place a layer of smaller size filter material over the previous layer at a thickness of about 1/4D. Bring this layer to the surface. The size should be 1/4 to 1/2 the size of the previous layer. This material should be No. 57 stone.

Notes:

Stone for the treatment should have a rock strength at least equal to "moderately hard" (i.e. resistant to abrasion or cutting by a knife blade but can be easily dented or broken by light blows with a hammer). Shale or similar soft and non-durable rock is not acceptable.

Section



Designed	_____	Date	_____
Drawn	<u>gdg</u>		<u>3-06</u>
Checked	_____		_____
Approved by	_____		_____